

Converting Colors

Hex(686030)

Have a look what the booklet for
Hex(686030) contains.

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Color

Hex(686030)

Conversions

Conversions Part 1

Format	Color
Hex	686030
RGB	104, 96, 48
RGB Percent	41%, 38%, 19%
CMY	0.5922, 0.6235, 0.8118
CMYK	0.00, 0.08, 0.54, 0.59
HSL	51°, 37%, 30%
HSV	51°, 54%, 41%
XYZ	10.4253, 11.5222, 4.4708
YIQ	92.9200, 20.1760, -13.2320

Conversions

Conversions Part 2

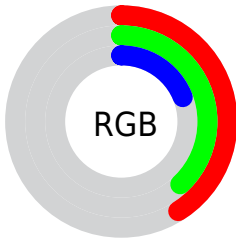
Format	Color
RYB	57, 104, 48
Decimal	6840368
CIELab	40.45, -3.96, 28.32
CIElCh	40, 28.599, 97.961
Yxy	11.5222, 0.3946, 0.4361
Android (android.graphics.Color)	4285030448 (0xFF686030)
YUV	92.9200, -22.1456, 9.7172
Hunter-Lab	33.9444, -4.5801, 15.9519

Details

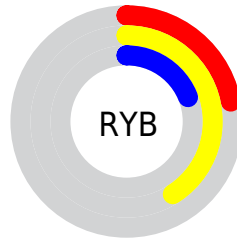
The Hex color **686030** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **303868**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9D925F**, and **373201** is the 20% darker color. If you saturate the color by 10%, you get **685F26**, and if you desaturate by 10%, it is **68613A**.

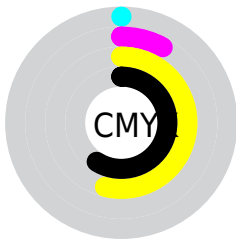
Distribution



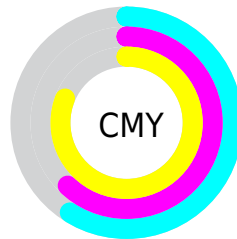
- Red (41%)
- Green (38%)
- Blue (19%)



- Red (22%)
- Yellow (41%)
- Blue (19%)



- Cyan (0%)
- Magenta (8%)
- Yellow (54%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686030 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 686030 by changing the saturation by 10% instead.



686030



686030

FFFFFF



4F481A



9D925F



373201



B8AD79



201D00



D4C893



000300



F1E4AD



000000



FFFFC9



FFFFE5



686030



686030



685F26



68613A

■ 685D1B

■ 686345

■ 685C11

■ 68644F

■ 685A06

■ 68665A

■ 685900

■ 686764

■ 68696E

■ 686A79

■ 686C83

■ 686D8E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7C5834



686030



4F6639

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



686030



006A7B



814F71

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



686030



303868

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6A5784



686030



0D668A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



686030



006C65



46608D



8C4C5A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



686030



3B6946



46608D



7B5178

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



686030



878472



683038



454338



C4C4C4



454545

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



686030



877B2F



546830



33322E



736200



F2D000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



303868



2F3C87



443068



2E2F33



001073



0023F2

Previews

White Background



This preview shows how the Hex color 686030 looks on a white background.

Color Contrast Check

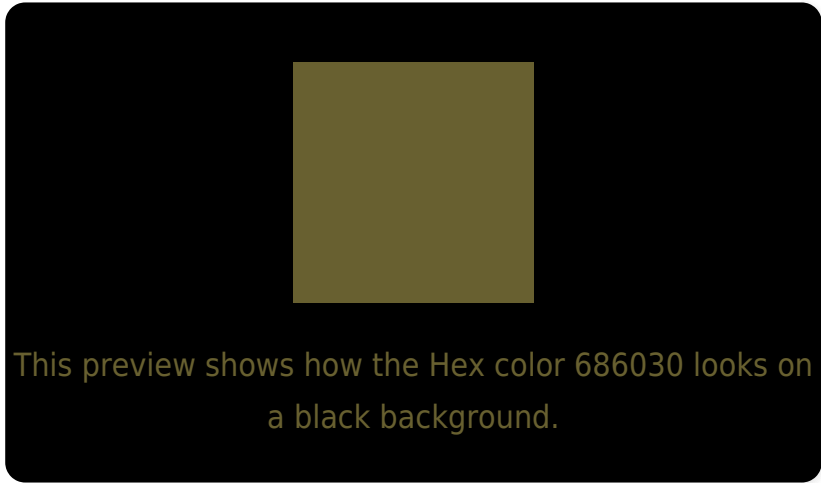
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

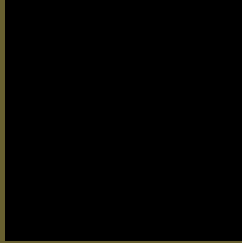
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 686030 Background



This preview shows how black text looks on a background with the Hex color 686030.



This preview shows how white text looks on a background with the Hex color 686030.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
686030

Protanopia
696030

Deuteranopia
755B31



Tritanopia
6D5B62

Trichromacy



Original Color
686030

Protanomaly
696030

Deuteranomaly
705D31

Tritanomaly
6B5D50

Monochromacy



Original Color
686030

Achromatopsia
5D5D5D

Achromatomaly
615E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 686030 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #686030 looks like.

```
.text, #text, p{  
    color:#686030  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #686030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686030
}
```

Border

The CSS property to change the border of an element to Hex 686030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686030 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#686030 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #686030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686030; -webkit-box-shadow:4px 4px  
4px 4px #686030; box-shadow:4px 4px 4px  
4px #686030 }
```

Background

The CSS property to change the background color of an element to Hex 686030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686030 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#686030 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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